

## A Newly Recorded Spider from Japan, *Micropholcus fauroti* (Simon 1887) (Araneae: Pholcidae)

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**Abstract** — A pholcid species, *Micropholcus fauroti* (Simon 1887), is recorded from Yoron-jima Island, Kagoshima Prefecture, Japan. This is the first record of the species from Japan.

**Key words** — description, Kagoshima Prefecture, *Micropholcus fauroti*, new record, Yoron-jima,

In 1995, I collected a spider belonging to the family Pholcidae from Yoron-jima Island, Kagoshima Prefecture. A close examination revealed that this species is conspecific with a pantropical house-dwelling species, *Micropholcus fauroti* (Simon 1887).

This species is new to the Japanese fauna, and will be redescribed in the present paper.

Abbreviations used in this paper are as follows: ALE, anterior lateral eye, AME, anterior median eye; Cp, length of clypeus; OA, ocular area, PLE, posterior lateral eye; PME, posterior median eye.

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### *Micropholcus fauroti* (Simon 1887) (Figs. 1–4)

*Pholcus fauroti* Simon 1887, p. 453.

*Pholcus chavanei* Millot 1946, p. 130, fig. 2

*Pholcus chavanei*: Deelman-Reinhold & Prinsen 1987, p. 73, fig. 1; Song, Zhu & Chen 1999, p. 52, figs. 22.

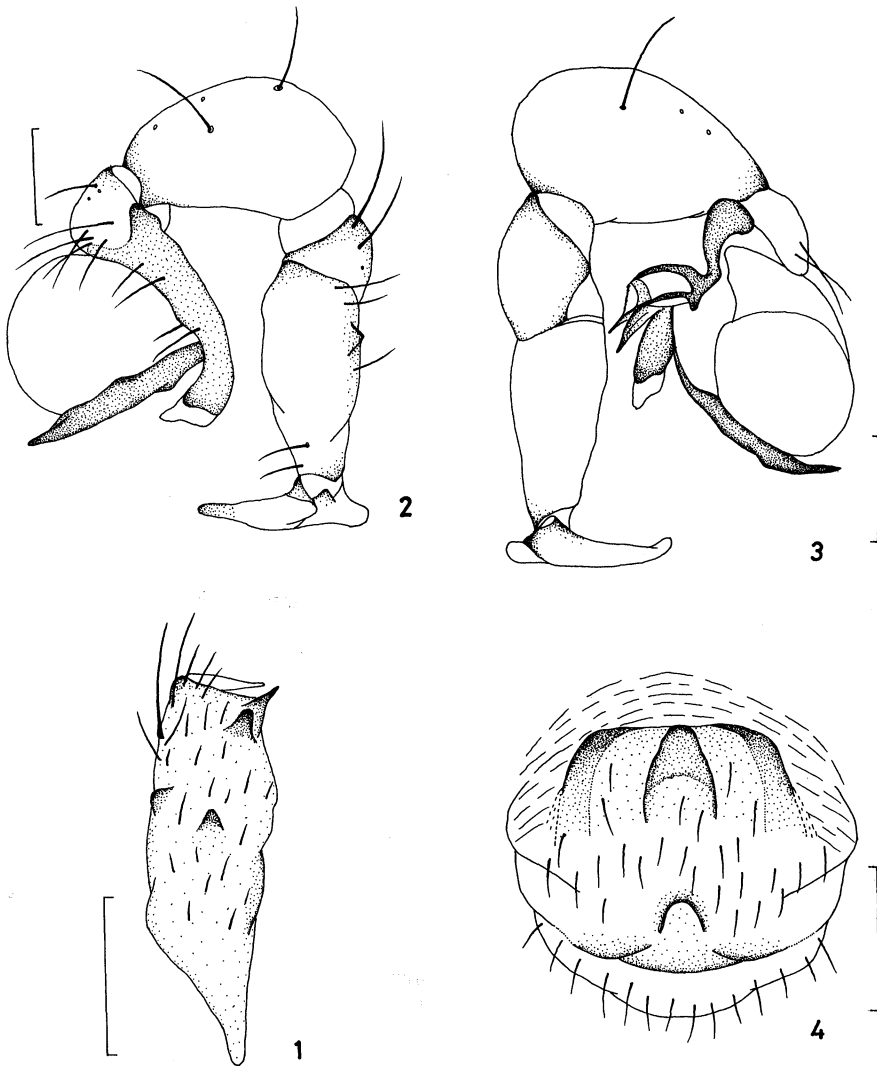
#### *Description* (based on the Yoron-jima Island specimens)

Measurements ( $\sigma$ / $\varphi$ ; in mm). Body length 2.50/2.57. Carapace length 0.96/0.93, width 0.93/0.83. Abdomen length 1.54/1.64, width 1.03/1.33. Length of legs as shown in Table 1. Eye sizes: AME 0.05/0.03, ALE 0.12/0.10, PME 0.11/0.10, PLE 0.11/0.10. Distances between eyes: AME-AME 0.02/0.02, PME-PME 0.15/0.13, ALE-ALE 0.25/0.16. OA length 0.18/0.17, width 0.48/0.40. Cp 0.17/0.17.

Male. Carapace pale yellow, with length nearly equal to width. Eight eyes arranged in three groups as in the genus *Pholcus*, anterior median eyes dark and the

**Table 1.** Measurements of legs of *Micropholcus fauroti* (Simon 1887) ( $\sigma$ / $\varphi$ ; in mm) based on specimens from Yoron-jima Island.

	Femur	Patella +Tibia	Metatarsus	Tarsus	Total
I	6.48/4.75	6.66/4.93	11.02/8.25	0.92/0.82	25.08/18.75
II	4.65/3.50	4.58/3.25	6.98/5.00	0.61/0.62	16.82/12.37
III	3.33/2.43	3.00/2.06	4.41/3.10	0.51/0.50	11.25/ 8.09
IV	4.76/4.00	4.21/3.25	6.14/4.25	0.56/0.56	15.67/12.06



**Figs. 1-4.** *Micropholcus fauroti* (Simon 1887). Specimens from Yoron-jima Island, Japan. — 1, Left chelicera of male, dorsal view; 2, left palp, exolateral view; 3, left palp, endolateral view; 4, female epigynum, ventral view. (Scales: 0.2 mm.)

smallest. Row of anterior eyes straight. Chelicera pale brownish yellow, with a short fang and a lamella, medially with a small apophysis (Fig. 1). Sternum, maxillae and labium pale yellow. Legs very long, yellow. Leg formula 1, 2, 4, 3. Abdomen grayish yellow, oval shaped. Male palpal organ, without uncus. Procursus simple, slightly curved, ending apically in a fringed membrane, provided subapically with a lanceolate sclarite. Trochanter slender horizontally, like a flat shoe, the structure as shown in Figs. 2, 3.

Female. Body slightly larger than the male. Legs shorter than those of the male. Chelicera, medially without an apophysis. Epigynum as shown in Fig. 4.

**Variation** (based on the Yoron-jima Island, Kagoshima Prefecture). Measurements (in mm). Body length ♂ 2.36, ♀ 2.56–2.83; carapace length ♂ 0.86, ♀ 0.90–0.93, width ♂ 0.83–0.90; ♀ 0.86–0.93; abdomen length ♂ 1.50, ♀ 1.66–1.93, width ♂ 1.23–0.93. ♀ 1.36–2.00.

**Specimens examined.** 1 ♀ 1juv., Sandakan, North Borneo, Malaysia, 30-XII-1991. 2 ♀ 2 ♂, Pokara, Nepal, 28-XII-1992. 1 ♂, Chang Mai, Thailand, 26-XII-1996. 2 ♂, Lucena, Queson State, the Phillippines, 29-XII-1999, T. Irie and S. Arai leg. 5 ♀ 4 ♂ Yoron-jima, Kagoshima Prefecture, Japan, 13-X-1995. All the specimens were collected by T. Irie unless otherwise noted.

**Range.** Japan (Yoron-jima Island), China, The Philippines and wide pantropical area.

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### 摘 要

日本新記録のユウレイグモ科の1種, *Micropholcus fauroti* (Simon 1887)

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与論島に産する *Micropholcus fauroti* (Simon 1887) アジアユウレイグモ (新称) を日本新記録種として報告した。なお, *Micropholcus* は日本から新たに記録されたクモで, コユウレイグモ属 (新称) となづける。本種はアメリカ, アフリカ, マダガスカル, 東南アジア, 中国南部など広く熱帯から知られていた人家性のユウレイグモである。